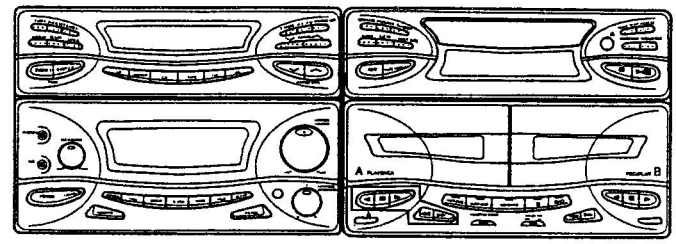
SANSUI

SERVICE MANUAL

MC-S7
MS7



MICRO COMPONENT SYSTEM

TA-PARTS LIST

F-6955A

<Stock No. 01364901>

Parts No.	Stock No.	Description
dZ2	49592200	FM PACK FE337-A07 (XX, SS)
	49592100	FM PACK FE415-G11 (EU, IPT, GE)
	49838900	FM PACK FE337-J03 (OO)

• **TRANSISTOR**

dQ1	46393201	2SC2786
dQ2	49388600	RN1207 (MC-S7 Only)
or	83372900	DTC114YS
dQ3	46367301	2SC2458
or	48058801	2SC1740S
dQ4	49390800	RN2207
or	83372800	DTA114YS
dQ5	49388600	RN1207
or	83372900	DTC114YS
dQ6	49388600	RN1207
or	83372900	DTC114YS
dQ7	49388600	RN1207
or	83372900	DTC114YS
dQ10	49388600	RN1207 (MS7 Only)
or	83372900	DTC114YS
dQ11	49390800	RN2207
or	83372800	DTA114YS
dQ15	46367301	2SC2458
or	48058801	2SC1740S
dQ16	46367301	2SC2458
or	48058801	2SC1740S
dQ18	49390800	RN2207
or	83372800	DTA114YS
dQ19	46367301	2SC2458
or	48058801	2SC1740S
or	83373601	2SC1740S
dQ20	48064001	2SA1284
dQ201	46367301	2SC2458 (MS7 Only)
or	48058801	2SC1740S
or	83373601	2SC1740S
dQ202	46367301	2SC2458 (MC-S7 Only)
or	48058801	2SC1740S
or	83373601	2SC1740S
dQ203	49390400	RN2203
or	83373000	DTA124ES
dQ204	49388600	RN1207 (MS7 Only)
or	83372900	DTC114YS
dQ205	49390800	RN2207 (MS7 Only)
or	83372800	DTA114YS

• **FET**

Parts No.	Stock No.	Description
dFT1	46393000	2SK192A-Y
or	46393001	2SK192A-GR

• **IC**

dIC1	49555900	LA1851N
dIC2	49837500	MC13022P (MS7 Only)
dIC3	49317500	LC7218
dXO1	49591000	QUARTZ ELEMENT
dXO2	49839800	QUARTZ ELEMENT (MS7 Only)
dXO3	7237701	QUARTZ CRYSTAL HC-49/U
or	49773400	QUARTZ ELEMENT
or	49773500	QUARTZ ELEMENT

• **DIODE**

dD1	83371900	1SS133
dD2	83371900	1SS133
dD3	83371900	1SS133
dD4	83371900	1SS133
dD5	83371900	1SS133
dD6	46708400	VOLTAGE V.C. DIODE SVC321
dD201	83371900	1SS133 (MS7 Only)
dD202	83371900	1SS133 (MS7 Only)
dD203	83371900	1SS133 (MS7 Only)
dD204	83371900	1SS133 (MS7 Only)
dD205	83371900	1SS133 (MS7 Only)
dR7	49851700	N.I.R. 1/2W 47 Ω
dC2	48426900	C.C. 25V 22000 PF
dC3	48426900	C.C. 25V 22000 PF
dC11	48426900	C.C. 25V 22000 PF
dC14	48663800	C.C. 50V 1000 PF
dC17	48659800	C.C. 50V 33 PF(OO, XX, SS, EU)
dC21	49429000	C.C. 16V 15000 PF (XX, SS)
	49428900	C.C. 16V 12000 PF (OO, EU, IPT, GE)
dC22	48102500	E.B. 25V 10μF (MS7 Only)
dC23	48663800	C.C. 50V 1000 PF
dC25	48426900	C.C. 25V 22000 PF
dC28	48658600	C.C. 50V 10 PF
dC29	48662600	C.C. 50V 100 PF
dC30	48426900	C.C. 25V 22000 PF
dC31	48426900	C.C. 25V 22000 PF
dC32	48426900	C.C. 25V 22000 PF
dC33	48663400	C.C. 50V 470 PF
dC38	48663800	C.C. 50V 1000 PF
dC39	48103600	E.B. 50V 3.3 μF
dC43	48426900	C.C. 25V 22000 PF
dC46	48426900	C.C. 25V 22000 PF
dC47	48658600	C.C. 50V 10 PF
dC48	48663800	C.C. 50V 1000 PF
dC203	48663800	C.C. 50V 1000 PF (MS7 Only)
dC210	48663800	C.C. 50V 1000 PF (MS7 Only)

Parts No.	Stock No.	Description
dC211	48663800	C.C. 50V 1000 PF (MS7 Only)
dC212	48663800	C.C. 50V 1000 PF (MS7 Only)
dC216	49839900	CERA 510-I (MS7 Only)
dC223	48663800	C.C. 50V 1000 PF (MS7 Only)
dC232	48426900	C.C. 25V 22000 PF (MS7 Only)
dTC1	49489100	TRIMMER CAPACITOR 30 PF
dTC2	49489100	TRIMMER CAPACITOR 30 PF
dCF1	46202500	CERAMIC FILTER
		SFE10.7MS2(RED) (OO, XX, SS)
	48064800	CERAMIC FILTER
		SFE10.7MS3G(RED) (EU, IPT, GE)
dCF2	46202500	CERAMIC FILTER
		SFE10.7MS2(RED) (OO, XX, SS)
	48064800	CERAMIC FILTER
		SFE10.7MS3G(RED) (EU, IPT, GE)
dT5	83370800	CERAMIC FILTER
		CF-A 132-CF0812 (OO, XX, SS)
	83370900	CERAMIC FILTER
		CF-A 132-CF816 (EU, IPT, GE)
dT7	49632000	CH. FL. FB-7G (IPT, GE)
dT1	83369000	MW ANT COIL SM-10R 3500
dT2	83369200	MW OSC COIL P-7SB 5701
dT6	83369100	FM DETECTOR QU-7 3105
dT201	83369800	AM IF COIL P-7SB 5003 (MS7 Only)
dVR1	83374600	S.V.R.
dVR2	83374500	S.V.R.
dS2	49809300	SLIDE SW. (XX, SS)
dZ1	46547300	TERMINAL BOARD 4P (OO, XX, SS)
	49320400	ANTENNA TERMINAL (EU, IPT, GE)
• **IC**		
jIC1	49439500	NJM4558L OPAMP
	or 49541200	M5218AL OPAMP
jIC2	49439500	NJM4558L OPAMP
	or 49541200	M5218AL OPAMP
jIC3	49439500	NJM4558L OPAMP
	or 49541200	M5218AL OPAMP
jIC4	49439500	NJM4558L OPAMP
	or 49541200	M5218AL OPAMP
jIC5	49439500	NJM4558L OPAMP
	or 49541200	M5218AL OPAMP
jIC6	49439500	NJM4558L OPAMP
	or 49541200	M5218AL OPAMP
jIC7	49439500	NJM4558L OPAMP
	or 49541200	M5218AL OPAMP
jIC8	49439500	NJM4558L OPAMP
	or 49541200	M5218AL OPAMP
jIC9	48982600	LB1641

Parts No.	Stock No.	Description
• **ZENER DIODE**		
jDZ1	83371800	MTZJ4.7B
	or 83372000	MTZJ4.7A
jC2	48663200	C.C. 50V 330 PF
jC20	48659400	C.C. 50V 22 PF
jC26	48426900	C.C. 25V 22000 PF
jC27	48426900	C.C. 25V 22000 PF
jC28	48426900	C.C. 25V 22000 PF
jC29	48426900	C.C. 25V 22000 PF
jC30	48426900	C.C. 25V 22000 PF
jC31	48426900	C.C. 25V 22000 PF
jC33	48426900	C.C. 25V 22000 PF
jC34	48426900	C.C. 25V 22000 PF
jC37	48659400	C.C. 50V 22 PF
jC38	48666200	C.C. 16V 0.01 µF
jC41	49416900	C.C. 50V 0.047µF
jC43	48659400	C.C. 50V 22 PF
jC44	48426900	C.C. 25V 22000 PF
jC45	48666200	C.C. 16V 0.01 µF
jC47	48659400	C.C. 50V 22 PF
jC49	48659400	C.C. 50V 22 PF
jC51	48659400	C.C. 50V 22 PF
jVR1	83374200	V.R.
jVR2	83374000	V.R.
jZ1	49925300	TERMINAL BOARD
• **TRANSISTOR**		
oQ1	46367001	2SA1115
	or 83373501	2SA933S
• **IC**		
oIC1	49312200	TC9163N
oIC2	49475700	TC9164N
oIC3	48056800	LC4966
• **DIODE**		
oD1	83371900	1SS133
• **ZENER DIODE**		
oDZ1	49677600	MTZJ8.2A
	or 49677700	MTZJ8.2B
	or 49677800	MTZJ8.2C
oC1	48660200	C.C. 50V 47 PF
oC2	48660200	C.C. 50V 47 PF
oC3	48660200	C.C. 50V 47 PF
oC4	48660200	C.C. 50V 47 PF
oC5	48660200	C.C. 50V 47 PF
oC6	48660200	C.C. 50V 47 PF

F-6956A

<Stock No. 01365001>

Parts No.	Stock No.	Description
• TRANSISTOR		
gQ1	46604301	2SC3327
gQ2	49388200	RN1203
	or 83373100	DTC124ES
• IC		
gIC1	49439500	NJM4558L OPAMP
	or 49541200	M5218AL OPAMP
• DIODE		
gD2	83371900	1SS133
gC1	48662800	C.C. 50V 150 PF (OO, XX, SS, EU)
	48665400	C.C. 50V 2200 PF (IPT, GE)
gC3	48665400	C.C. 50V 2200 PF (OO, XX, SS, EU)
gC4	48665400	C.C. 50V 2200 PF
gC7	48662800	C.C. 50V 150 PF
gC9	48663800	C.C. 50V 1000 PF
gC13	49417000	C.C. 50V 0.1µF
gL1	48290600	INDUCTOR 100 µH (IPT, GE)
• TRANSISTOR		
kQ1	48217800	DTC114ES
	or 49388100	RN1202
kQ2	49390400	RN2203
	or 83373000	DTA124ES
kQ3	46367101	2SC2603
	or 46367301	2SC2458
• IC		
kIC1	49925700	STK4144MK2
• DIODE		
kD3	83371900	1SS133
kR5	49864100	N.I.R. 1W 10 Ω
kR6	49752500	N.I.C. RESISTOR 1/5W 100 Ω
kR15	49752500	N.I.C. RESISTOR 1/5W 100 Ω
kR22	49865700	N.I.R. 1W 220 Ω
kC2	48663400	C.C. 50V 470 PF
kC13	49581500	E.B. 25V 47 µF
kZ4	48985400	MINI JACK
kZ2	49622900	TERMINAL BOARD 2P
kZ1	49925500	TERMINAL SP-T 4P KD21
kL1	49542300	INDUCTOR 1.0 µH (IPT, GE)

Parts No.	Stock No.	Description
• TRANSISTOR		
lQ1	46367201	2SA1048
lQ2	49388200	RN1203
	or 83373100	DTC124ES
• DIODE		
lD1	83371900	1SS133
lR4	49866100	N.I.R. 1W 470 Ω
lRL1	49587400	RELAY 2M DG24D2-OS
	or 49730300	RELAY
• TRANSISTOR		
mQ1	48508801	2SC3851
mQ2	46367101	2SC2603
	or 46391901	2SC2785
mQ3	46367101	2SC2603
	or 46391901	2SC2785
mQ4	46367101	2SC2603
	or 46391901	2SC2785
mQ5	46367001	2SA1115
	or 46392001	2SA1175
mQ6	46367001	2SA1115
	or 46392001	2SA1175
mQ7	48509101	2SA1488
mQ8	46614001	2SA1283
• IC		
mIC1	49440800	NJM78M12FA
mIC2	49772500	NJM78M56FA
• DIODE		
mD2	83371900	1SS133
mD3	83371900	1SS133
mD4	83371900	1SS133
mD5	49383700	RBV-602
	or 49634100	DBF60E
mD6	46273600	DBB10B
mD7	46273600	DBB10B
mD9	3117700	10E2
• ZENER DIODE		
mDZ1	49676400	MTZJ5.6A
	or 49676500	MTZJ5.6B
mDZ2	49676600	MTZJ5.6C
mDZ3	49516900	MTZJ30C
mDZ4	49676400	MTZJ5.6A
mR3	49850500	N.I.R. 1/2W 4.7 Ω
mR4	49850100	N.I.R. 1/2W 2.2 Ω
mR12	49850100	N.I.R. 1/2W 2.2 Ω
mR21	49865300	N.I.R. 1W 100 Ω
mR22	49865300	N.I.R. 1W 100 Ω

Parts No.	Stock No.	Description
mC1	8680400	0.01 µF 500V C.C.
mC2	8680400	0.01 µF 500V C.C.
mC5	49732600	E.L. 50V 4700 µF
mC6	49732600	E.L. 50V 4700 µF
mC24	49417000	C.C. 50V 0.1µF
mRL1	48982000	RELAY (DC12V)
	or 49730400	RELAY
mRL2	48982000	RELAY (DC12V)
	or 49730400	RELAY
pF1	49593500	FUSE 1.6A (XX, SS)
	49296900	FUSE 1A 250V (EU, IPT, GE)
	49593800	FUSE 3015A (MS7 Only)
pF2	49593500	FUSE 1.6A (XX, SS)
pCO1	49745300	AC OUTLET (OO, XX, SS)
	49723000	AC OUTLET (EU, IPT, GE)
pZ1	46407700	POWER SUPPLY CORD ACW21 CL 10A (XX, SS)
	49299300	POWER SUPPLY CORD ACW58 EU 2.5A (EU, IPT, GE)
	46667400	POWER SUPPLY CORD ACW32 OO 7A (MS7 Only)

F-6957A

Parts No.	Stock No.	Description
mF1	49593800	FUSE 3.15A (OO, XX, SS)
	49297300	FUSE 2.5A 250V (EU, IPT, GE)

F-6958A

Parts No.	Stock No.	Description
mR24	49749700	N.I.C. RESISTOR 1/5W 0.47 Ω (MC-S7 Only)
mR25	49749700	N.I.C. RESISTOR 1/5W 0.47 Ω (MC-S7 Only)
mR32	49751300	N.I.C. RESISTOR 1/5W 10 Ω

F-6959A

<Stock No. 01365301>

Parts No.	Stock No.	Description
gVR1	49925200	V.R.
• TRANSISTOR		
nQ1	49388200	RN1203
	or 83373100	DTC124ES
• IC		
nIC1	49373300	LC7566
nIC2	83374700	BA3830F
• DIODE		
nD1	83371900	1SS133
nD2	83371900	1SS133
nD3	83371900	1SS133
nD4	83371900	1SS133
nD5	83371900	1SS133
nD6	83371900	1SS133
nD7	83371900	1SS133
nD8	83371900	1SS133
nFL1	49838500	FL TU CC1180C
nFL2	49915700	FL EQ CH1228C
nR22	83371700	RESISTPR NETWORK 104J X13
nR23	83371600	RESISTOR NETWORK 104J X8
nC1	48665200	C.C. 50V 1500 PF
nC4	49417000	C.C. 50V 0.1µF
nC6	48663600	C.C. 50V 680 PF
nC7	48663600	C.C. 50V 680 PF
nC8	48665600	C.C. 50V 3300 PF
wIC2	49913300	REMOTE RECEIVER UNIT
• TRANSISTOR		
wQ2	49388300	RN1204
	or 83373400	DTC144ES
wQ3	46367101	2SC2603
	or 83373601	2SC1740S
wQ4	49390500	RN2204 (XX, SS)
	or 83373300	DTA144ES
wQ5	49388200	RN1203 (OO, XX, SS)
	or 83373100	DTC124ES
wQ6	49388200	RN1203
	or 83373100	DTC124ES
wQ7	49388200	RN1203
	or 83373100	DTC124ES
wQ8	49388200	RN1203
	or 83373100	DTC124ES

MC-S7/MS7

Parts No.	Stock No.	Description
wQ9	49388200	RN1203
	or 83373100	DTC124ES
wQ10	49390400	RN2203
	or 83373000	DTA124ES
wQ11	49390400	RN2203
	or 83373000	DTA124ES
wQ12	49390400	RN2203
	or 83373000	DTA124ES
wQ13	49390400	RN2203
	or 83373000	DTA124ES
wQ14	49388200	RN1203
	or 83373100	DTC124ES
wQ15	49388200	RN1203
	or 83373100	DTC124ES
wQ16	49388200	RN1203
	or 83373100	DTC124ES
• IC		
wIC1	49925600	TMP47C1670N-H071Z
wXO1	49370900	QUART ELEMENT AT-49
	or 49773600	QUARTZ ELEMENT
	or 49773700	QUARTZ ELEMENT
• DIODE		
wD2	83371900	1SS133
wD3	83371900	1SS133
wD4	83371900	1SS133
wD5	83371900	1SS133
wD6	83371900	1SS133
wD7	83371900	1SS133
wD8	83371900	1SS133
wD9	83371900	1SS133
wD10	83371900	1SS133
wD11	83371900	1SS133
wD12	83371900	1SS133
wD13	83371900	1SS133
wD15	83371900	1SS133 (MS7 Only)
wD16	83371900	1SS133 (XX, SS)
wD19	83371900	1SS133
wLD1	49544500	L.E.D. SEL2210S
wR13	83371500	RESISTOR NETWORK 473J X8
wR14	83371400	RESISTOR NETWORK 103J X8
wR16	83371300	RESISTOR NETWORK 103J X5
wC4	48658600	C.C. 50V 10 PF
wC7	48797300	E.L. 5.5V 3300 µF
wC9	48658600	C.C. 50V 10 PF
wTC1	49489100	TRIMMER CAPACITOR 30 PF
wS1 to 31	49326300	PUSH SW. SKHVBF 5H160G
	or 49326301	PUSH SW.

F-6960A

Parts No.	Stock No.	Description
gJ1	49838300	CONNECTOR
kJ1	49838400	CONNECTOR

F-7042A

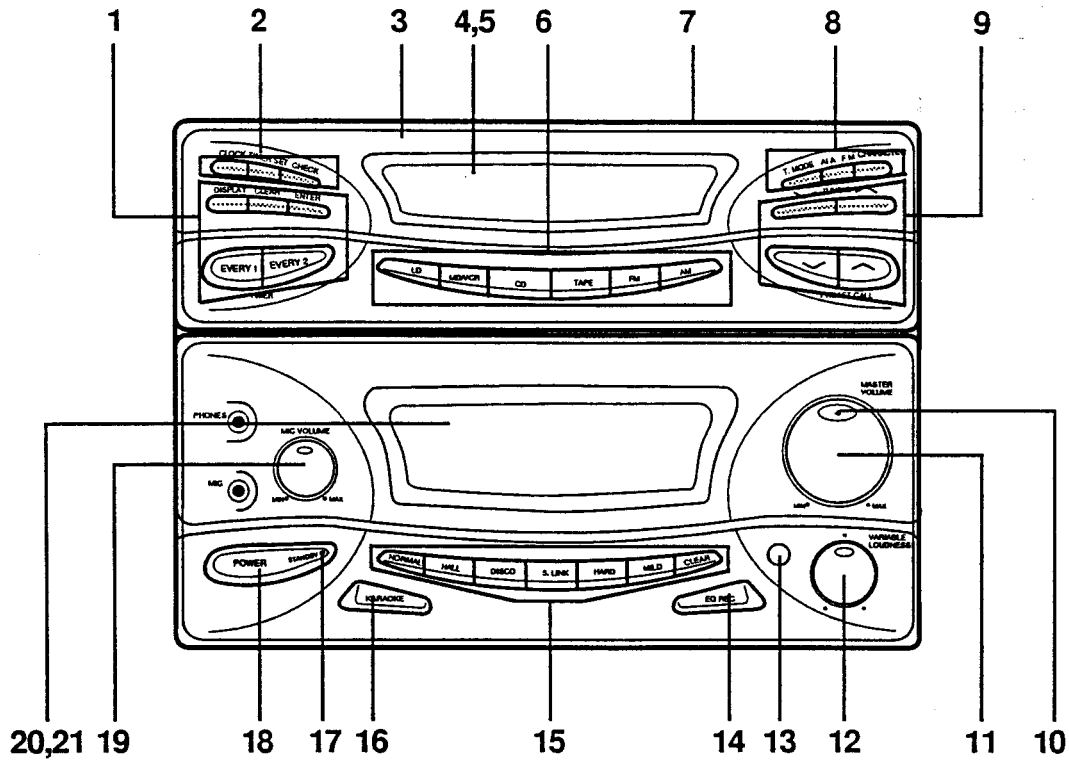
Parts No.	Stock No.	Description
kZ3	49631800	TERMINAL BOARD

FIXED PARTS

Parts No.	Stock No.	Description
mPT1	15044109	POWER TRANSFORMER (XX, SS)
	15044105	POWER TRANSFORMER (EU, IT, GE)
	15044100	POWER TRANSFORMER (OO)

TA-OTHER PARTS

• FRONT VIEW



Parts No.	Stock No.	Description
1	85132800	KNOB, EVERY 1/2, DISPLAY etc.
2	85131300	KNOB, CLOCK, TIMER SET, CHECK
3	85138000	FRONT PANEL (MC-S7)
	85130700	FRONT PANEL (MS7)
4	85130900	DS PLATE TUNER
5	85144900	FL FILTER TUNER
6	85131500	KNOB, SELECTOR
7	85136700	BONNET
8	85131400	KNOB, T. MODE, AI A.F.M., CHARACTER
9	85133100	KNOB, TUNING, PRESET CALL
10	85131900	VOLUME KNOB INDICATOR

Parts No.	Stock No.	Description
11	85137700	KNOB, MASTER VOLUME
12	85131100	KNOB, LOUDNESS
13	85132100	RS FILTER
14	85131700	KNOB, EQ REC
15	85133000	KNOB, SURRUND
16	85131600	KNOB, KARAOKE
17	85132000	POWER INDICATOR
18	85131800	KNOB, POWER
19	85131200	KNOB, MIC VOLUME
20	85130800	DS PLATE AMP
21	85145000	FL FILTER AMP
	85138800	LEG SHEET

CDD-PARTS LIST

F-6991A

<Stock No. 01375801>

Parts No.	Stock No.	Description
• TRANSISTOR		
hQ1	46604301	2SC3327
hQ2	46367201	2SA1048
or	48058601	2SA 933S
hQ3	46604301	2SC3327
hQ4	46367201	2SA1048
or	48058601	2SA 933S
• IC		
hIC1	03607700	NJM4558D
or	49507200	RC4558D OPAMP
hIC2	49322500	LC7881-C
hL2	48289400	INDUCTOR 10 µH
• DIODE		
mD101	48123600	11E2
mD102	48123600	11E2
mD103	48123600	11E2
mR101	49850500	N.I.R. 1/2W 4.7 Ω
mR102	49850500	N.I.R. 1/2W 4.7 Ω
• FET		
rFT1	46724700	2SK241-Y
or	46724701	2SK241-GR
rFT2	49923100	2SJ107-GR
or	49923101	2SJ107-BL
• IC		
rIC1	49909900	CXD2500BQ
or	49910000	CXD2500BQ (JAPAN)
rXO1	49919500	QUARTZ ELEMENT
• DIODE		
rD1	46464100	1SS133
• TRANSISTOR		
uQ1	46367301	2SC2458
or	48058801	2SC1740S
• IC		
uIC1	49919700	CXP50116-533Q
uXO1	49488500	QUARTZ ELEMENT CSA4.19MG

F-6992A

<Stock No. 01375901>

Parts No.	Stock No.	Description
oS101	49326300	PUSH SW. SKHVBF 5H160G
to 115 or	49326301	PUSH SW.
uFL1	49915600	FL CD CC1104C

F-6993A

<Stock No. 01376101>

Parts No.	Stock No.	Description
• IC		
mIC1	49440500	NJM78M06FA
mIC2	49589300	NJM7810FA
mIC3	49410800	UPC7808HF
or	49420900	NJM7808FA
• DIODE		
mD1	03117700	10E2
mD2	03117700	10E2
mD3	03117700	10E2
mD4	03117700	10E2
mR1	49891500	N.I.R. 3W 10 Ω
mC1	49614600	E.L. 25V 6800 µF
• TRANSISTOR		
nQ1 to 9	48229400	DTA114TS
or	49391200	RN2211
oJ1	49822700	ABI-C SO 52303-0911
or	83372100	ZENER DIODE MTZJ4.7B
oJ2	49822900	ABI-C SO 52303-1512
or	83372200	
• TRANSISTOR		
vQ1 to 6	48223100	DTC114TS
or	49389000	RN1211
or	83372700	DTC114TS
vQ21 to25	46367301	2SC2458
or	48058801	2SC1740S
vQ26	46834200	DTA144ES
or	49390500	RN2204
vQ27	48230200	DTC124XS
or	49388700	RN1208
or	83373200	DTC124XS
vQ51	46834200	DTA144ES
or	49390500	RN2204

Parts No.	Stock No.	Description
vQ52	46834200	DTA144ES
	or 49390500	RN2204
vQ53	46834200	DTA144ES
	or 49390500	RN2204
vQ54	48223100	DTC114TS
	or 49389000	RN1211
	or 83372700	DTC114TS
vQ55	48223100	DTC114TS
	or 49389000	RN1211
	or 83372700	DTC114TS
vQ56	48223100	DTC114TS
	or 49389000	RN1211
	or 83372700	DTC114TS
vQ57	46604301	2SC3327
vQ58	46367301	2SC2458
	or 48058801	2SC1740S
vQ59	48223100	DTC114TS
	or 49389000	RN1211
	or 83372700	DTC114TS
vQ60	46367301	2SC2458
	or 48058801	2SC1740S
vQ61	48223100	DTC114TS
	or 49389000	RN1211
	or 83372700	DTC114TS
vQ62	46367301	2SC2458
	or 48058801	2SC1740S
	or 83372700	DTC114TS
vQ66	46367301	2SC2458
	or 48058801	2SC1740S
vQ67	46834200	DTA144ES
	or 49390500	RN2204
vQ68	46367301	2SC2458
	or 48058801	2SC1740S
vQ81	49663401	2SC3377
	or 83373801	2SC3377
vQ82	49663401	2SC3377
	or 83373801	2SC3377
vQ83	46546701	2SD 880
	or 48150101	2SD1406
	or 48509401	2SD1761
	or 49349400	2SD2012 25W
vQ84	48230200	DTC124XS
	or 49388700	RN1208
	or 83373200	DTC124XS
vQ85	48230200	DTC124XS
	or 49388700	RN1208
	or 83373200	DTC124XS
• IC		
vIC1	49524000	CXA1115BP
vIC21	49373100	BA15218N OPAMP
	or 49541200	M5218AL OPAMP
	or 49931200	BA15218N
vIC51	49373100	BA15218N OPAMP
	or 49541200	M5218AL OPAMP
	or 49931200	BA15218N
vIC81	46173100	NJM2904D
	or 48998500	M5223P AMP
• DIODE		
vD1	46464100	1SS133
• ZENER DIODE		
vDZ1	48631900	RD6.8B1 ES
	or 48632000	RD6.8B2 ES
	or 49677000	MTZJ6.8A
	or 49677100	MTZJ6.8B
vR12	49852700	N.I.R. 1/2W 330 Ω
vR88	49850900	N.I.R. 1/2W 10 Ω
vC1	48663200	C.C. 50V 330 PF
vC2	48662700	C.C. 50V 120 PF
vC4	48663400	C.C. 50V 470 PF
vC6	48662600	C.C. 50V 100 PF
vC7	48662600	C.C. 50V 100 PF
vC21	48663200	C.C. 50V 330 PF
vC51	48663400	C.C. 50V 470 PF
vC53	48658100	C.C. 50V 3.9 PF
vC81	48662600	C.C. 50V 100 PF
vC100	49417000	C.C. 50V 0.1μF
vFL21	49594800	TRAP FILTER FB-9
	or 83369600	TRAP FILTER FB-9 1059
vL21	49612300	INDUCTOR
	or 83369500	INDUCTOR RC875-392J-50
vL81	49917010	INDUCTOR
	or 83369400	BIAS OSC COIL SM-10F
vVR1	49367100	10 K S.V.R.
vVR2	49367100	10 K S.V.R.
vVR21	49367100	10 K S.V.R.
vVR81	49367400	100 K S.V.R.
vRL1	49740900	RELAY
	or 83370700	RELAY
• TRANSISTOR		
wQ1	46367301	2SC2458
	or 48058801	2SC1740S
wQ2	48000801	2SA 934
	or 83373702	2SA934
wQ3	48000801	2SA 934
	or 83373702	2SA934
wQ4	46367301	2SC2458
	or 48058801	2SC1740S
wQ5	46367301	2SC2458
	or 48058801	2SC1740S
wQ6	46834200	DTA144ES
	or 49390500	RN2204

MC-S7/MS7

Parts No.	Stock No.	Description
wQ7	46834200	DTA144ES
or	49390500	RN2204
wQ8	48000801	2SA 934
or	83373702	2SA934
wQ9	48000801	2SA 934
or	83373702	2SA934
wQ10 to 16	46367301	2SC2458
or	48058801	2SC1740S
• IC		
wIC1	49916800	M37420M4-420SP
wIC4	46173100	NJM2904D
or	48998500	M5223P AMP
wXO1	49590900	QUARTZ ELEMENT CST8.00MTW
• DIODE		
wD1	48123600	11E2
wD2 to10	46464100	1SS133
wC3	48663400	C.C. 50V 470 PF
wC4	49417000	C.C. 50V 0.1μF
wC6	48662600	C.C. 50V 100 PF
wVR1	49367000	4.7 K S.V.R.
wVR2	49367000	4.7 K S.V.R.
wVR3	49367000	4.7 K S.V.R.
wVR4	49367000	4.7 K S.V.R.
• IC		
xIC1	49557400	CXA1101P
xFL1	49598500	DOLBY FILTER
or	83369300	DOLBY FILTER FB-7DG 3505
xFL2	49598600	TRAP FILTER
or	83369700	TRAP FILTER FB-7DG 3514

Parts No.	Stock No.	Description
oS1	49719000	SLIDE SW.
oS2	07255500	SLIDE SW.
oS3 to 17	49326300	PUSH SW. SKHVBF 5H160G
or	49326301	PUSH SW.

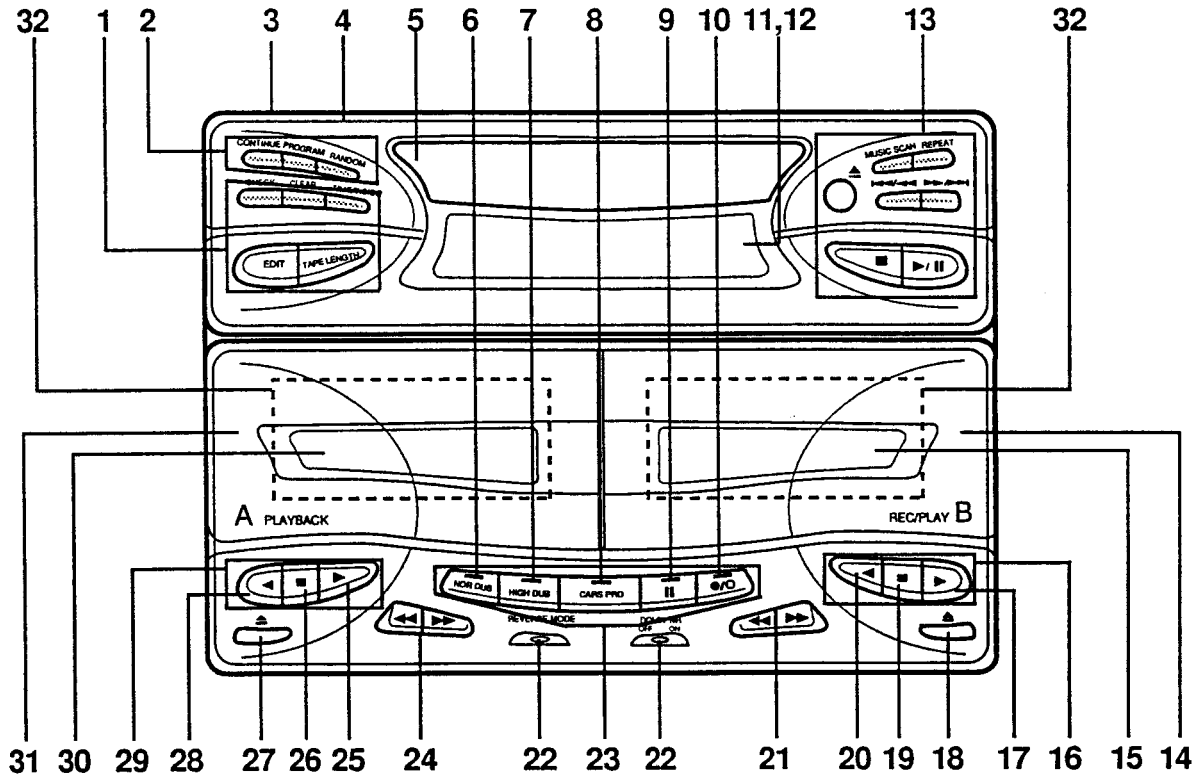
F-6994A

<Stock No. 01376201>

Parts No.	Stock No.	Description
nLD1	48841000	L.E.D. SEL3410E
nLD2	48841000	L.E.D. SEL3410E
nLD3	48841100	L.E.D. SEL3210S
nLD4	48841100	L.E.D. SEL3210S
nLD5	48841100	L.E.D. SEL3210S
nLD6	48841200	L.E.D. SEL3910A
nLD7	48841100	L.E.D. SEL3210S
nLD8	48841000	L.E.D. SEL3410E
nLD9	48841000	L.E.D. SEL3410E

CDD-OTHER PARTS

• FRONT VIEW



Parts No.	Stock No.	Description
1	85132900	KNOB, EDIT/CHECK/CLEAR etc.
2	85131300	KNOB, CONTINUE/PROGRAM/RANDOM
3	85136800	BONNET
4	85130400	FRONT PANEL
5	85137900	CD DOOR
6	85135700	INDICATOR 5
7	85135600	INDICATOR 4
8	85135500	INDICATOR 3
9	85135400	INDICATOR 2
10	85135300	INDICATOR 1
11	85134200	DS PLATE
12	85144900	FL FILTER
13	85134300	KNOB, CD ■/►/II/MUSIC SCAN etc.
14	85139300	CS DOOR B
15	85139500	CS WINDOW B
16	85133300	KNOB, KNOB BASE B

Parts No.	Stock No.	Description
17	85134600	KNOB, ►
18	85135100	KNOB, ▲
19	85134500	KNOB, ■
20	85134400	KNOB, ◄
21	85133500	KNOB, ◄◄/►►
22	85133600	KNOB, DOLBY/REVERSE
23	85135200	KNOB, DUB/CARS/II etc.
24	85133400	KNOB, ◄◄/►►
25	85134700	KNOB, ►
26	85134800	KNOB, ■
27	85135000	KNOB, ▲
28	85134900	KNOB, ◄
39	85133200	KNOB, KNOB BASE A
30	85139400	CS WINDOW A
31	85139200	CS DOOR A
32	85145200	MIRROR
	85138800	LEG SHEET

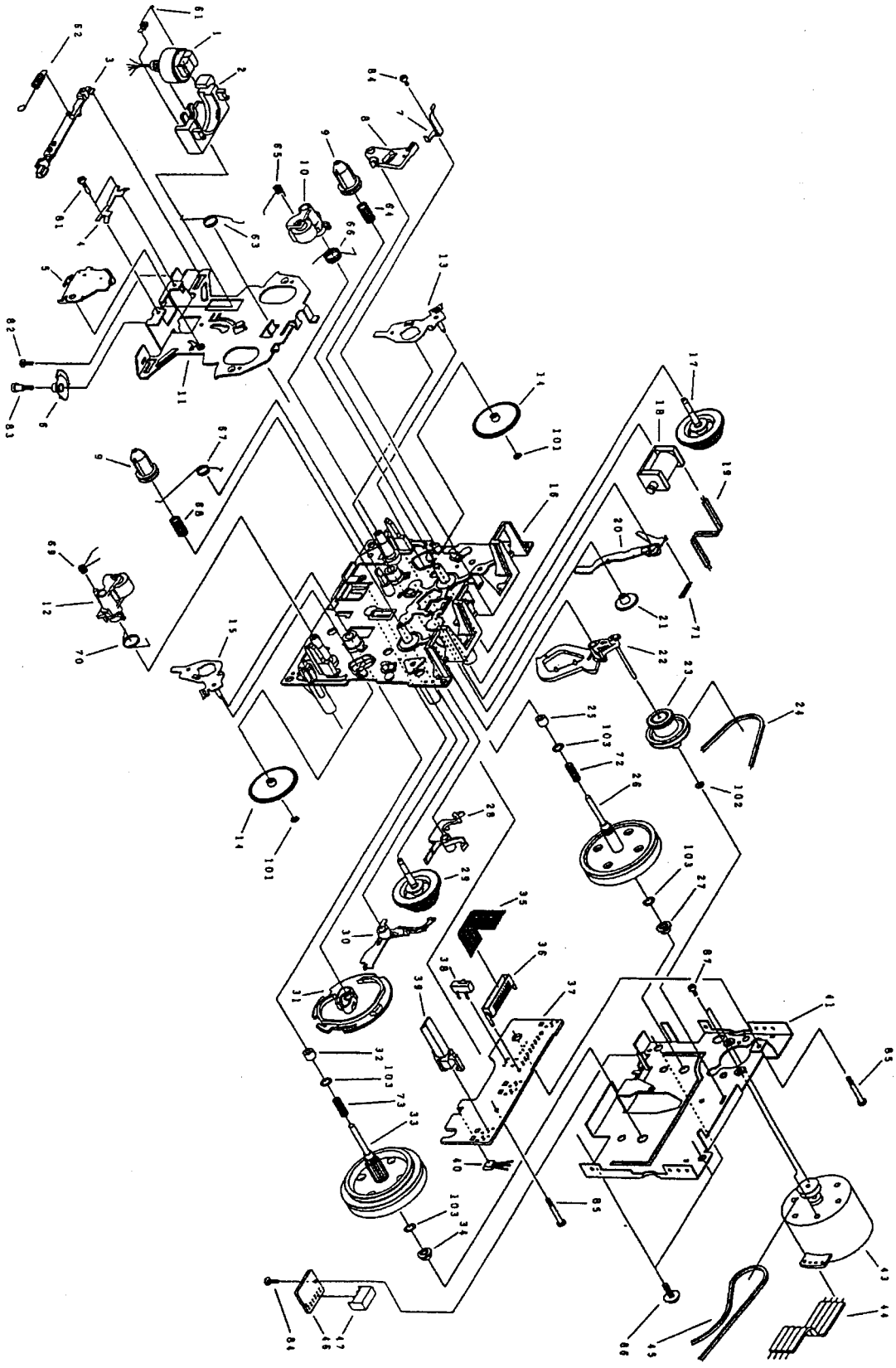
MC-S7/MS7

EXPLODED VIEW OF MECHANIZM AND PARTS LIST

<A DECK MECHA. CRF417 Stock No. 49719500>
<B DECK MECHA. CRF416 Stock No. 49719400>

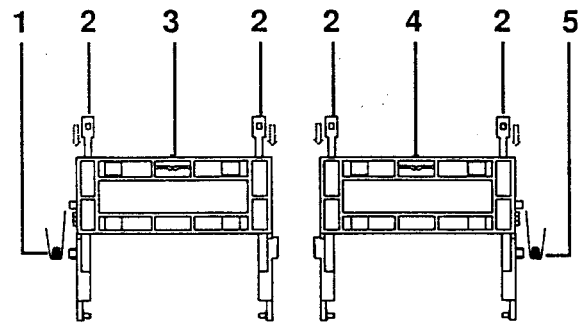
Parts No.	Stock No.	Description
1	37173200	REC/PB/ERASE HEAD Ass'y (B-MECHA.)
	37180100	PB HEAD Ass'y (A-MECHA.)
2	37173300	HEAD FLAME
3	37173400	HEAD LEVER
4	37173500	AZIMUTH SPRING
6	37173700	HEAD ARM GEAR
7	37173800	CASSETTE SPRING
8	37173900	LOCK EJECT
9	37174000	REELCAP
10	37174100	PINCH ARM Ass'y(L)
12	37174300	PINCH ARM Ass'y(R)
13	37174400	ARM PLAY Ass'y(L)
14	37174500	PLAY GEAR
15	37174600	ARM PLAY Ass'y(R)
17	37174800	SUB REEL Ass'y(L)
18	37174900	SOLENOID
20	37175100	RVS ARM
21	37175200	FF GEAR
22	37175300	FR ARM Ass'y
23	37175400	FR PULLEY Ass'y
24	37175500	FR BELT
25	37175600	METAL
26	37175700	FLYWHEEL Ass'y(L)
27	37175800	METAL
28	37175900	BRAKE ARM
29	37176000	SUB REEL Ass'y(R)
30	37176100	TRIGER ARM
31	37176200	CAM GEAR
32	37176300	METAL
33	37176400	FLYWHEEL Ass'y(R)
34	37176500	METAL
35	37176600	WIRE(13P),(B-MECHA.)
	37180200	WIRE(11P),(A-MECHA.)
36	37176700	WIRE HOLDER
37	37176800	P.C. BOARD
38	37176900	MODE SWITCH
39	37177000	LEAF SWITCH
40	37177100	HALL IC LB9051A
43	37177300	MOTOR Ass'y
45	37177500	MAIN BELT
46	37177600	P.C. BOARD
47	37177700	HOUSING(B-MECHA.)
	37180300	HOUSING(A-MECHA.)
61	37177800	SPRING
62	37177900	SPRING
63	37178000	SPRING
64	37178100	SPRING
65	37178200	SPRING
66	37178300	SPRING
67	37178400	SPRING
68	37178500	SPRING
69	37178600	SPRING
70	37178700	SPRING
71	37178800	SPRING
72	37178900	SPRING
73	37179000	SPRING
81	37179100	SCREW,4x56
82	37179200	SCREW,2x5"
83	37179300	SCREW,4x43
84	37179400	SCREW,2x4
85	37179500	SCREW,2x16
86	37179600	SCREW,2.6x8
87	37179700	SCREW,2.6x4
101	37179800	WASHER
102	37179900	WASHER
103	37180000	WASHER

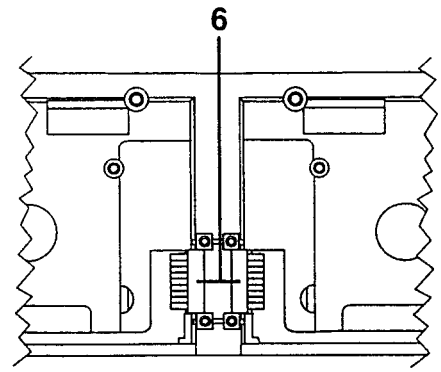
D-X950



MC-S7/MS7

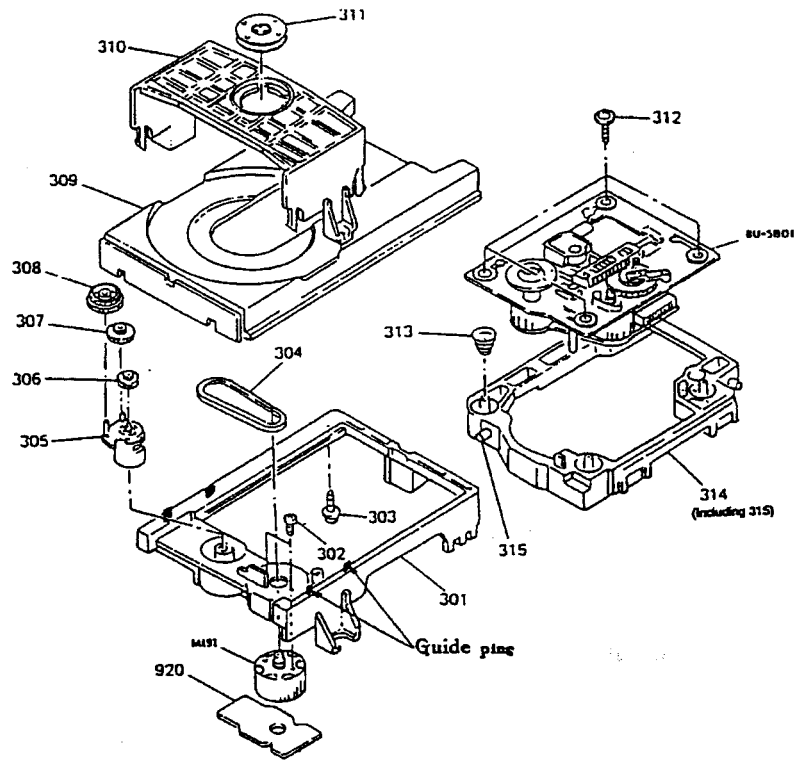
Parts No.	Stock No.	Description
1	85139800	SPRING, DOOR SPRING A
5	85139900	SPRING, DOOR SPRING B
2	85140000	SPRING, CASSET SPRING
3	85138900	CASSETTE HOLDER A
4	85139000	CASSETTE HOLDER B
6	49740800	DAMPER





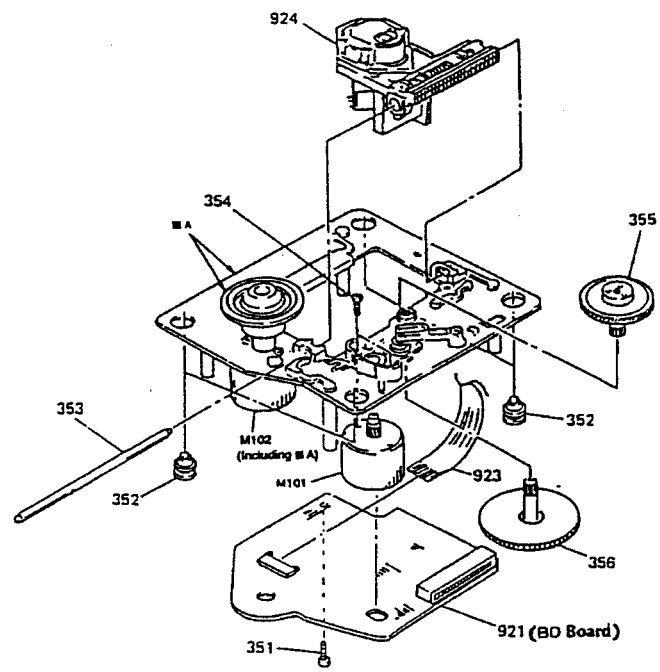
CD MECHA Ass'y CDM14-5BD1
<Stock No. 83298600>

Parts No.	Stock No.	Description
301	36245800	Chassis
302	36246400	Screw, M2.6x4
303	36248200	Screw, M3x8
304	36248400	Belt
305	36248800	Cam
306	36248500	Pulley (S)
307	36248300	Gear (C)
308	36248600	Gear (PL)
309	36245900	Disc Table
310	36248900	Holder (MG)
311	36250500	Magnet
312	36246200	Screw, M2.6x6
313	36247800	Spring (B)
314	36246100	Holder (BU)
315	36248700	Axle (Cam)
920	36247700	Loading PCB
M191	36250800	Motor (L) Ass'y



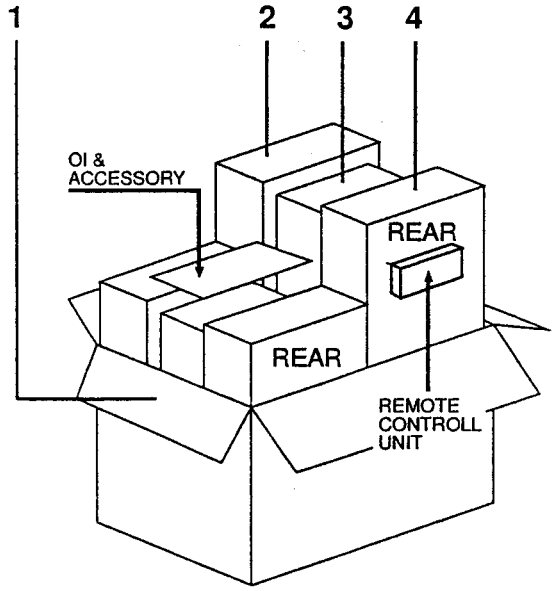
Drive Unit BU-5BD1

Parts No.	Stock No.	Description
351	36246500	Screw, M2.6x8
352	36246000	Insulator (A)
353	36248000	Sled shaft
354	36246300	Screw, 2x3
355	36248100	Gear (M)
356	36247900	Gear (P)
921	36250900	BD MOUNT
923	36247600	Wire (12P)
924	36247100	Optical Pic-up Ass'y KSS-240A
M101	36251000	Motor Ass'y (Sled)
M102	36251100	Motor Ass'y with ■ (Spindle)



MC-S7/MS7

Parts No.	Stock No.	Description
1	85138300	CARTON CASE
2	85135900	STYROFOAM PACKING FRONT
3	85141500	POLY BAG
4	85136100	STYROFOAM PACKING REAR



Stock No.	Description
49918800	REMOTE CONTROL UNIT RS-H5
	DRY BATTERY (SUM-3K)
83041000	AM LOOP ANTENNA
46051700	FM ANTENNA WIRE
82030800	OPERATING INSTRUCTIONS (E. S. T.)
82030900	OPERATING INSTRUCTIONS (E. F.G.Sw.)

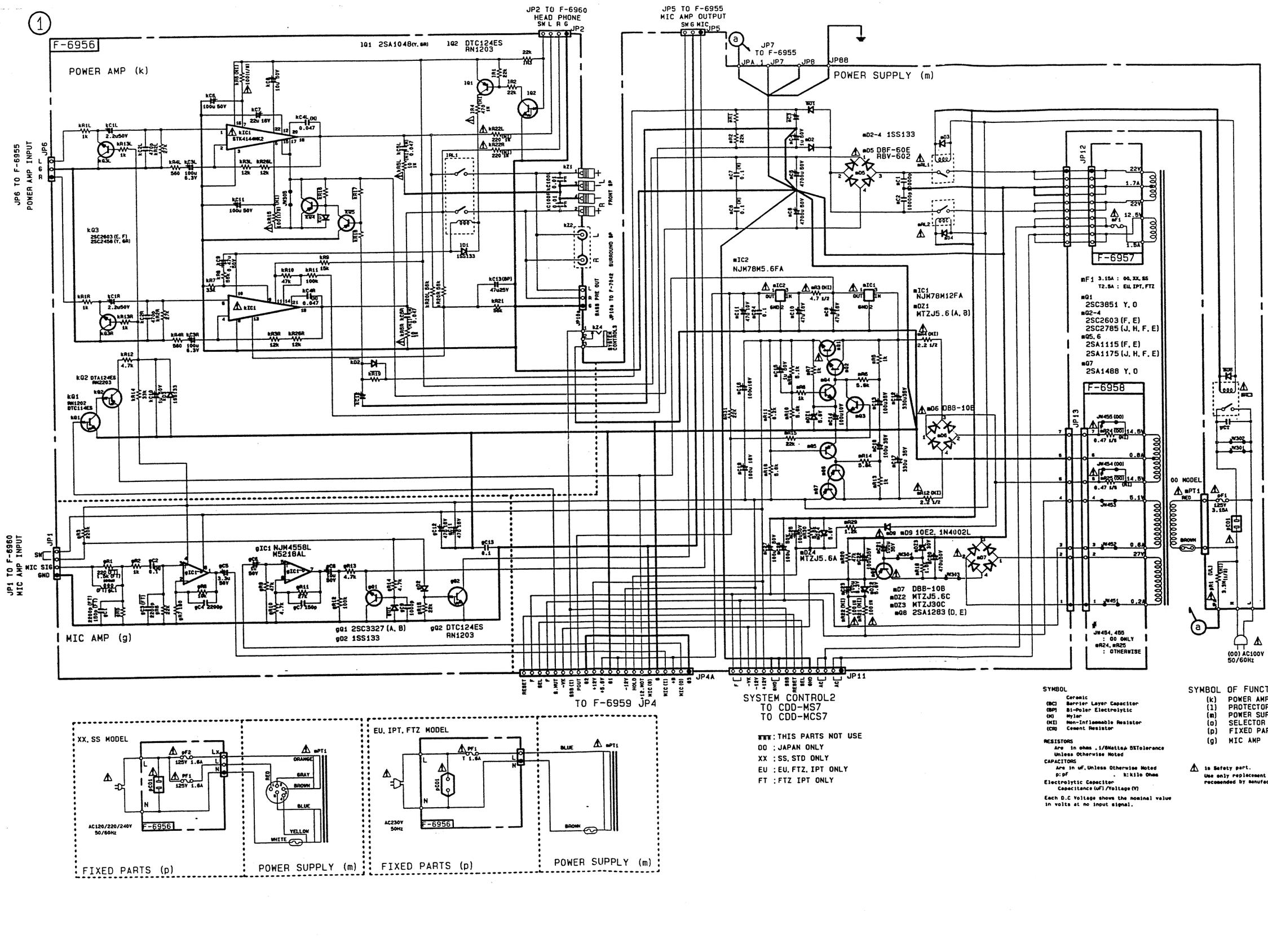
- NOTE

E. S. T.
: English, Spanish and Old Chinese Character Version.
E. F. G. Sw.
: English, French, German, and Swedish Version.

SANSUI

SANSUI ELECTRIC CO.,LTD.: J Tower 7F. 1-1 Nikko-cho, Fuchu-si Tokyo 183, Japan
PHONE: 0423-30-7412 / FAX: 0423-51-6163
SANSUI USA INC.: 17150 South Margay Ave. Carson, California 90746 U.S.A.
SANSUI DEUTSCHLAND G.M.B.H.: Paul Ehrlich Strasse 8, 6074Rödermark 2, F. R. Germany
山水電気株式会社 東京都府中市日鋼町１番１ Ｊタワー７Ｆ(〒１８３)

M0450 (SM 2-380) Printed in Japan (1994.01.S) <Stock No.36572400>



SYMBOL

	Ceramic
(BC)	Barrier Layer Capacitor
(BP)	Bi-Polar Electrolytic
(M)	Mylar
(NI)	Non-Inflammable Resistor
(CR)	Cement Resistor

RESISTORS
Are in ohms .1/8Watts± 5%Tolerance
Unless Otherwise Noted

CAPACITORS
Are in uF, Unless Otherwise Noted
p: pF k: kilo Ohms

Electrolytic Capacitor
Capacitance (uF) / Voltage (V)

Each D.C Voltage shows the nominal value in volts at no input signal.

*** : THIS PARTS NOT USE
00 : JAPAN ONLY
XX : SS, STD ONLY
EU : EU, FTZ, IPT ONLY
FT : FTZ IPT ONLY

SYMBOL OF FUNCTION

(k)	POWER AMP
(l)	PROTECTOR
(m)	POWER SUPPLY
(o)	SELECTOR
(p)	FIXED PARTS
(g)	MIC AMP

⚠ is Safety part.
Use only replacement parts recomended by manufacturer.

③

SELECTOR (O)

REV MODE SW

DOLBY NR SW

SEL3410E

SEL3210S

SEL3910A

F-6994

INDICATOR (N)

H_DUBB_H

NR_SW

DTA114TS, RN1211

F-6993

CD_SIG (O: 2)

DC_SUPP (O: 1)

TIME_CONS

NJM7808FA
UPC7808HF

NJM78M06FA

NJM7810FA

10E-2

CST8.00-MTW

LOGIC CONTROL (W)

REC_CON (O: 1)

REC_MUTE

+5.4V

L_MUTE

SIG_H_DUBB_L

M37420M4-420SP

A/D INPUT
LED OUT
B-SIDE MECH INPUT
A-SIDE MECH INPUT

LED_BUS (O: 8)

A_MECHA (O: 3)

PB_CON (O: 2)

NR_CON

CARS_ATT (O: 2)

TAPE_S_OUT (O: 2)

AMPS (O: 1)

P_SUPP (O: 3)

TP1
SHORT
HIGH SPEED ADJ.

NJM2904D
M5223P

	SIDE-A	SIDE-B
HIGH SPEED ADJ.	wVR1	wVR2
NORMAL SPEED ADJ.	wVR3	wVR4

SYMBOL OF FUNCTION

(M) POWER SUPPLY
(N) AUDIO INDICATOR
(O) SELECTOR
(Q) CONNECTION
(T) MECHANISM

MECHANISM (T)
(side A)
CRF417

MECHANISM (T)
(side B)
CRF416

MOTOR
SHW2L

HALL EFFECT IC
DN6851A
or LB9051A

SOLENOID

SYSTEM CONTROL 2

To F-6991

To F-6991

WQ 2, 3, 8, 9	2SA 934 (P, Q, R)
WQ 1, 4, 5, 10, 11 WQ12, 13, 14, 15, 16	2SC1740S (P, Q, R) 2SC2458 (Y, GR, BL)
WQ 6, 7	DTA144ES RN2204
WD 2, 3, 4, 5, 6 WD 7, 8, 9, 10	1SS133

RESISTORS
Are in ohms. 1/8Watts, ±5%Tolerance
Unless Otherwise Noted K:Kilo Ohms

CAPACITORS
Are in uF. Unless Otherwise Noted
p: pF

Electrolytic Capacitor
Capacitance (uF) / Voltage (V)

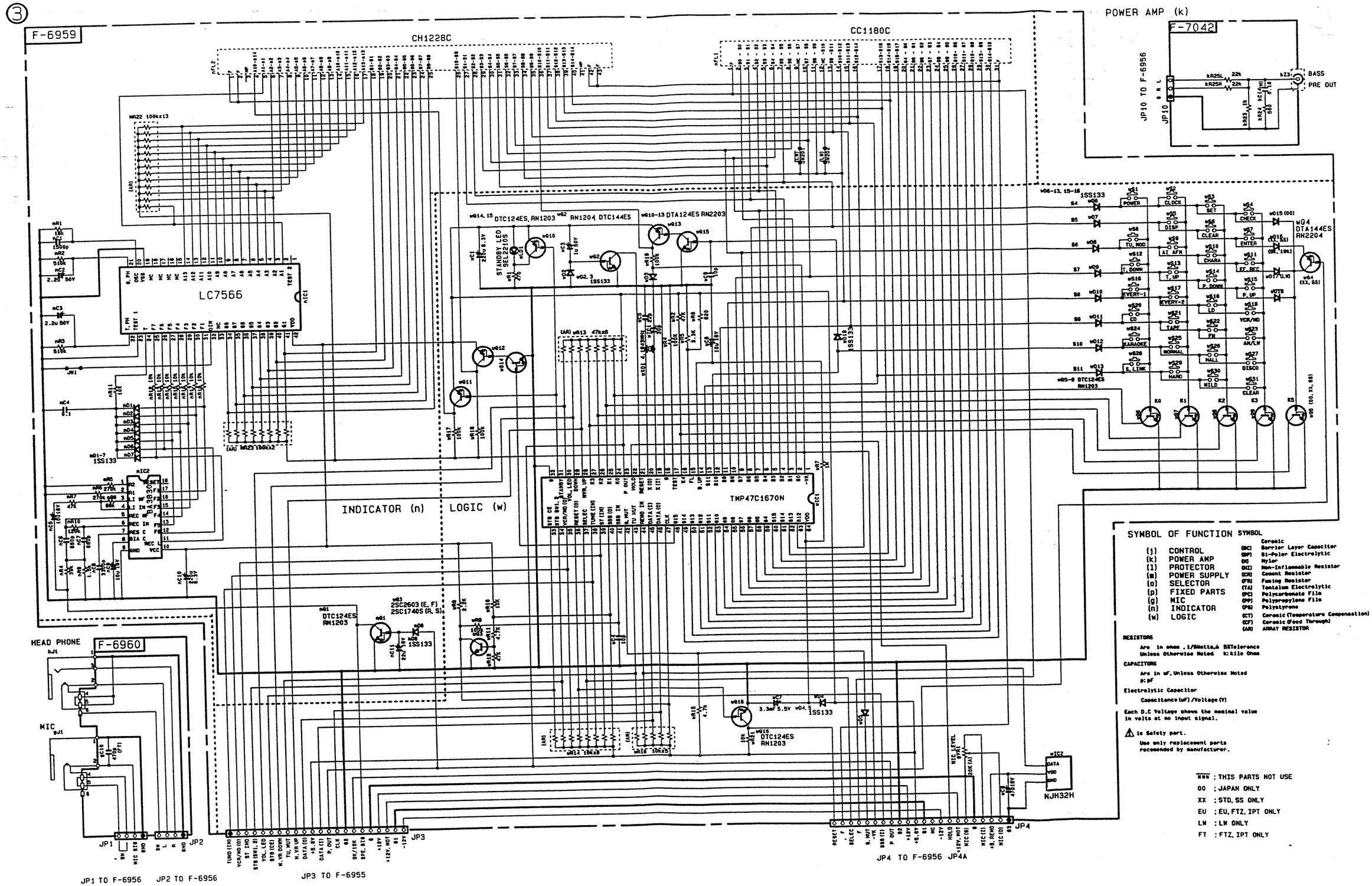
Each D.C Voltage shows the nominal value in volts at no input signal.

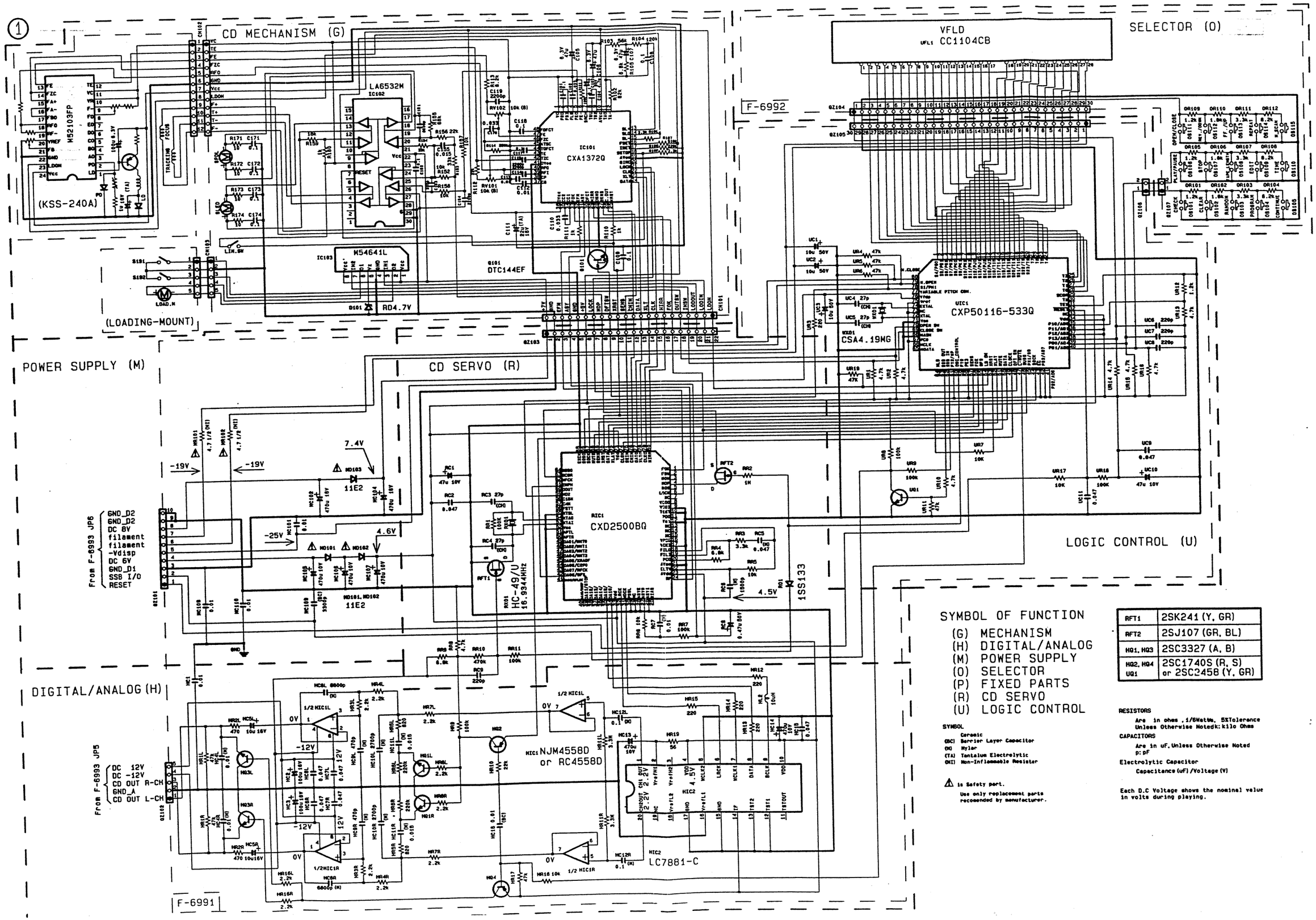
SYMBOL
Ceramic Capacitor
(BC) Barrier Layer Capacitor
(M) Mylar
(NI) Non-Inflammable Resistor

TOLERANCE
J: +/- 5% K: +/- 2% F: +/- 1%

⚠ is Safety part.
Use only replacement parts recomended by manufacturer.

⊠ is Not Used.


③
F-6959
CH1228C
CC1180C
POWER AMP (k)
F-7042
JP10 TO F-6956
JP10
BASS
PRE OUT
LC7566
TMP47C1670N
DTC124ES, RN1203
RN1204 DTC144ES
DTA124ES RN2203
STANDBY LED SEL2105
2SC2603 (E, F)
2SC1740S (R, S)
1SS133
DTC144ES RN2204
DTC124ES RN1203
INDICATOR (n)
LOGIC (w)
F-6960
HEAD PHONE
MIC
NJH32H
JP1
JP2
JP3
JP4
JP1 TO F-6956
JP2 TO F-6956
JP3 TO F-6955
JP4 TO F-6956 JP4A
SYMBOL OF FUNCTION SYMBOL
(j) CONTROL
(k) POWER AMP
(l) PROTECTOR
(m) POWER SUPPLY
(o) SELECTOR
(p) FIXED PARTS
(g) MIC
(n) INDICATOR
(w) LOGIC
Ceramic
(BC) Barrier Layer Capacitor
(BP) Bi-Polar Electrolytic
(MY) Mylar
(NC) Non-Inflammable Resistor
(CR) Cement Resistor
(FR) Fusing Resistor
(TA) Tantalum Electrolytic
(PC) Polycarbonate Film
(PP) Polypropylene Film
(PS) Polystyrene
(CT) Ceramic (Temperature Compensation)
(CF) Ceramic (Feed Through)
(AR) ARRAY RESISTOR
RESISTORS
Are in ohms .1/8Watts,±5%Tolerance
Unless Otherwise Noted k:kilo Ohms
CAPACITORS
Are in uF, Unless Otherwise Noted
p: pF
Electrolytic Capacitor
Capacitance(uF)/Voltage(V)
Each D.C Voltage shows the nominal value in volts at no input signal.
⚠ is Safety part.
Use only replacement parts recommended by manufacturer.
NNN : THIS PARTS NOT USE
00 : JAPAN ONLY
XX : STD, SS ONLY
EU : EU, FTZ, IPT ONLY
LW : LW ONLY
FT : FTZ, IPT ONLY



SYMBOL OF FUNCTION

- (G) MECHANISM
- (H) DIGITAL/ANALOG
- (M) POWER SUPPLY
- (O) SELECTOR
- (P) FIXED PARTS
- (R) CD SERVO
- (U) LOGIC CONTROL

RFT1	2SK241 (Y, GR)
RFT2	2SJ107 (GR, BL)
HQ1, HQ3	2SC3327 (A, B)
HQ2, HQ4 UQ1	2SC1740S (R, S) or 2SC2458 (Y, GR)

SYMBOL

Ceramic
(BC) Barrier Layer Capacitor
(M) Mylar
(TA) Tantalum Electrolytic
(MI) Non-Inflammable Resistor

⚠ is Safety part.
Use only replacement parts recomended by manufacturer.

RESISTORS
Are in ohms, 1/6Watts, 5%Tolerance
Unless Otherwise Noted k: kilo Ohms

CAPACITORS
Are in uF, Unless Otherwise Noted
p: pF

Electrolytic Capacitor
Capacitance (uF) /Voltage (V)

Each D.C Voltage shows the nominal value in volts during playing.

②

REC/PLAY AMP (V)

NOISE REDUCTION (X)

SIDE A L-CH PB

SIDE A R-CH PB

SIDE B L-CH R/P

SIDE B R-CH R/P

ERASE

SIDE A L-CH PB LEVEL ADJ.

SIDE B L-CH PB LEVEL ADJ.

SIDE A R-CH PB LEVEL ADJ.

SIDE B R-CH PB LEVEL ADJ.

VIC1 CXA1115BP

VD1 1SS133

VD2 MTZJ6.8 (A, B) RD6.8ES (B1, B2)

xIC1 CXA1101P

NR_CON

NR_SW

AMPS (0: 1)

L_MUTE

MUTE OFF
GND
L-CH
R-CH

TP2
OUTPUT ADJ

PB_CON (0: 2)

REC_CON (0: 1)

DC_SUPP (0: 1)

P_SUPP (0: 3)

CARS_ATT (0: 2)

(-2dB)

(-4dB)

(-6dB)

TIME_CONS

TAPE_S_OUT (0: 2)

CD_SIG (0: 2)

TAPE NORMAL

TAPE HIGH

TAPE METAL

TAPE DECK

SYSTEM CONTROL 1

REC_MUTE

H_DUBB_H

SIG_H_DUBB_L

L-CH BIAS ADJ.

R-CH BIAS ADJ.

BIAS OSC ADJ.
105KHz

VIC21 BA15218N : M5218AL L-CH REC LEVEL ADJ.

R-CH REC LEVEL ADJ.

VIC51 BA15218N M5218AL

VIC81 NJM2904D, M5223P

VD81, 82 2SC3377 (Q, R)

VL81 4309-679

F-6993

SYMBOL OF FUNCTION
(V) REC/PLAY AMP
(X) NOISE REDUCTI(

VQ28, 51, 52, 53, 67	DTA144ES RN2204
VQ 1, 2, 3, 4, 5, 6 VQ54, 55, 56, 58, 61	DTC114TS RN1211
VQ27, 64, 65	DTC124XS RN1208
VQ21, 22, 23, 24, 25 VQ59, 60, 62, 66, 68	2SC1740S (R, S, E) 2SC2458 (Y, GR, BL)
VQ57	2SC3327 (A, B)
VQ63	2SD2012 2SD1761 (E, F) 2SD1406 (Y, GR) 2SD 880 (Y, GR)

Are in ohms. 1/8Watts, ±5%Tolerance
Unless Otherwise Noted K: Kilo Ohms

CAPACITORS

Are in uF, Unless Otherwise Noted
p: pF

Electrolytic Capacitor

Capacitance (uF) / Voltage (V)

TOLERANCE

J: +/- 5% G: +/- 2% F: +/- 1%

Each D.C Voltage shows the nominal value in volts at no input signal.

SYMBOL

Ceramic Capacitor
(BC) Barrier Layer Capacitor
(M) Mylar Capacitor
(PP) Polypropylene Film Capacitor
(NI) Non-Inflammable Resistor

⚠ is Safety part.
Use only replacement parts recomended by manufacturer.

⊠ is Not Used.

F-6955

TUNER (d)

CONTROL (j)

JP9 TO COD-MC57COD-MS7
SYSTEM CONTROL1

JP5 TO F-6956
MIC MIX INPUT

JP3 TO F-6959

JP6 TO F-6956
PRE OUT

JP7 TO F-6956

SYMBOL 1

*******	: THIS PARTS NO USE
00	: 00 ONLY
FT	: FTZ, IPT ONLY
XX	: STD, SS ONLY
EU	: EU, IPT, FTZ ONLY
LW	: LW ONLY

SYMBOL 2

(BP)	Bi-Poler Electrolytic
(M)	Mylar
(CT)	Ceramic (Temperature Compensation)
(CF)	Ceramic (Feed Through)
(BC)	Barrier Layer Capacitor
(EL)	Low-Leak Electrolytic

RESISTORS

Are in ohms .1/8Watts ±5%Tolerance
Unless Otherwise Noted. k:kilo Ohms

CAPACITORS

Are in uF, Unless Otherwise Noted
p: pF

Electrolytic Capacitor

Capacitance (uF) /Voltage (V)

Each D.C Voltage shows the nominal value in volts at no input signal.

SYMBOL OF FUNCTION

(j)	CONTROL
(o)	SELECTOR
(d)	TUNER
(g)	MIC